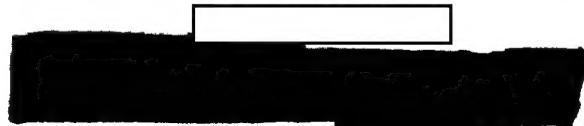


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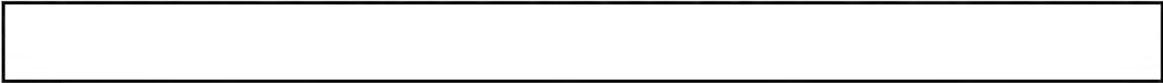


January 1965

PHOTOGRAPHIC INTERPRETATION REPORT

SA-2 SAM SITES

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OTHER MISSILE-ASSOCIATED FACILITIES IN
CHINA, 



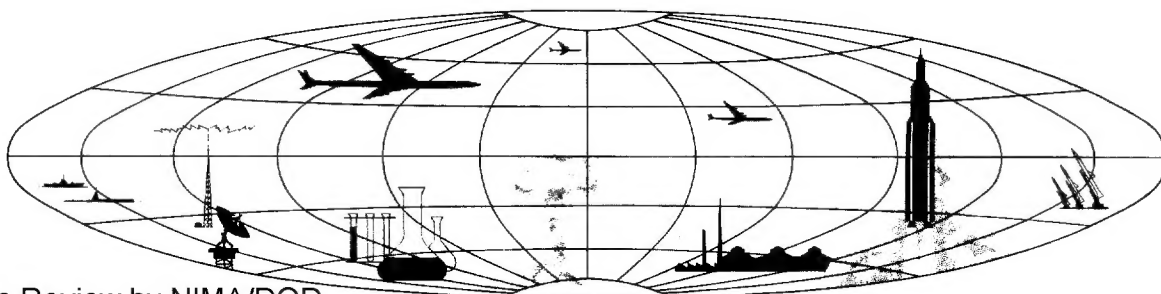
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PHOTOGRAPHIC INTERPRETATION REPORT

SA-2 SAM SITES
OTHER MISSILE-ASSOCIATED FACILITIES IN
CHINA,

January 1965

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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FIGURE 1. LOCATION OF INSTALLATIONS.

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INTRODUCTION

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This report has been prepared in response to CIA requirement C-SI4-82,085, which requests various data and photographs for support of a study of Chinese surface-to-air missile (SAM) capability.

Information is provided herein on the following missile-associated installations in China (Figure 1): 14 SA-2 SAM sites (including 1 possible site), 6 former SA-2 SAM sites (including 1 possible site), the Tai-yuan Probable Solid Propellants Test Facility, and the Peiping Rocket Engine Test Facility. Table 1 presents data on significant features of the SA-2 SAM sites (Figures 2-20), including the former SA-2s, as observed on successive mission coverages, Table 2 provides information on the rocket engine test facility (Figure 21), and Table 3 provides information on the probable solid propellants test facility (Figure 22).

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The cutoff date for all information in this report is 1 December 1964.

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FIGURE 2. PEIPING SAM SITE B12-2.



FIGURE 3. PEIPING SAM SITE B19-2.

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FIGURE 4. PEIPING SAM SITE B26-2.



FIGURE 5. PEIPING SAM SITE B33-2.

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Table 1. Data on Significant Features of China SA-2 SAM Sites as Observed on Successive Coverages

Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence/Description of Central Guidance Area	Vehicles/Equipment in Central Guidance Area	Other Equipment Present	Presence/Description of Support Area	Remarks
Peiping SAM Site B12-2 (Figure 2), 39-47-58N 116-41-55E, [redacted]									
Site first observed [redacted]; site cannot be negated									
[redacted]	--	--	--	--	--	--	--	--	Site identification only
[redacted]	--	--	--	--	--	--	--	--	Site identification only
[redacted]	--	--	--	--	--	--	--	--	Site identification only
[redacted]	Prob link	UND*	6	Prob none	Present; not revetted	Prob none	Prob none	Site located at Tung-hsien Airfield	--
[redacted]	NAC*	Prob complete	6; all appear revetted	At least 5 appear occupied	NAC	NAC	NAC	NAC	--
[redacted]	NAC	NAC	NAC	Prob at least 2	A structure is present at site center	UND	UND	NAC	--
[redacted]	--	--	--	--	--	--	--	--	Site identification only
[redacted]	--	--	--	--	--	--	--	--	Site identification only
[redacted]	NAC (since Star	NAC (since Complete	NAC (since 6; revetted	Prob 5	NAC [redacted]	NAC	UND	NAC (since [redacted]	--
[redacted]	Star	Complete	6; revetted	None	L-shaped structure located at site center	Prob none	None	NAC	Good-quality photography revealed site to have star configuration rather than prob link as previously reported
[redacted]	NAC	NAC	NAC	NAC	NAC	NAC	Prob none	NAC	--
[redacted]	NAC	NAC	NAC	Poss 1	Previously reported L-shaped structure at site center is vehicles	2 long and approx 4 short vans or other vehicles in 2 lines, forming "L"	NAC	NAC	--
Peiping SAM Site B19-2 (Figure 3), 39-39-20N 116-23-30E, [redacted]									
Site first observed [redacted]; site cannot be negated									
[redacted]	--	--	--	--	--	--	--	--	Site identification only
[redacted]	--	--	--	--	--	--	--	--	Site identification only
[redacted]	--	--	--	--	--	--	--	--	Site identification only
[redacted]	Star	UND	6	UND	Present; status cannot be determined	UND	UND	Several structures evident in immediate area	--

*See footnote at end of table.

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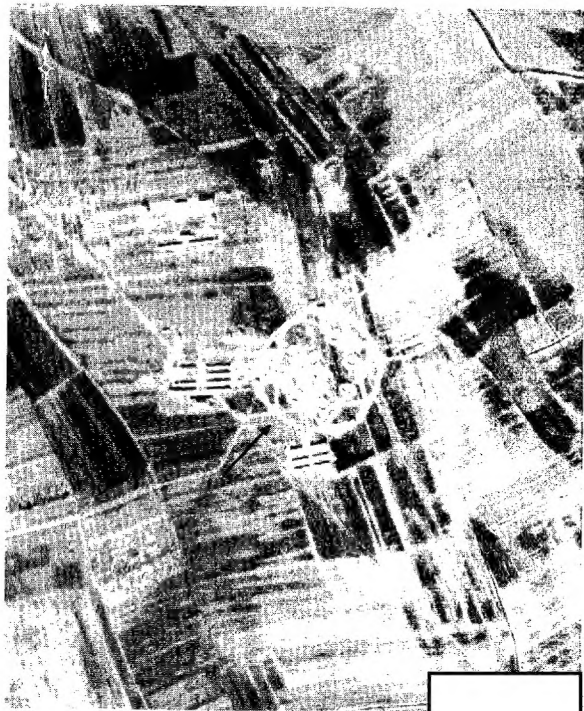


FIGURE 6. PEIPING SAM SITE C14-2.



FIGURE 7. PEIPING SAM SITE C14-2.

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FIGURE 8. TE-CHOU SAM SITE A30-2.



FIGURE 9. SHUANG-CHENG-TZU MISSILE TEST CENTER SAM SITE C02-2.

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Table 1. (Continued)

Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence/Description of Central Guidance Area	Vehicles/Equipment in Central Guidance Area	Other Equipment Present	Presence/Description of Support Area	Remarks
Peiping SAM Site B19-2 (Continued)									
	NAC	Roads apparent which will serve missile-hold positions	6; revetted	Prob none	Present; not revetted	Prob none	Prob none	NAC	--
	--	--	--	--	--	--	--	--	Site identification only
	--	--	--	--	--	--	--	--	Site identification only
	--	--	--	--	--	--	--	--	Site identification only
	Star	Complete but no revetted central guidance area	NAC (since [redacted])	None	Prepared, unvetted area at site center	None	None	Several possible structures in immediate site area	3 missile-hold revetments visible, but site completely unoccupied
	--	--	--	--	--	--	--	--	Area identification only
	NAC (since [redacted])	NAC (since [redacted])	NAC (since [redacted])	NAC (since [redacted])	NAC (since [redacted])	Prob none	Prob none	NAC (since [redacted])	Site remains unoccupied
Peiping SAM Site B26-2 (Figure 4), 39-31-30N 116-09-00E, [redacted]									
Site first observed [redacted]; site cannot be negated									
	UND	UND	At least 2 are visible	UND	UND	UND	UND	Site situated near large military compound, but several small structures are near site	--
	Cannot be determined because no inner service roads visible	UND	6; revetted	None	No prepared area at site center	None	Prob none	NAC	Missile-hold positions visible, but site appears completely unoccupied
	NAC	Apparently complete, but no central guidance area present and no inner service roads visible	NAC	Prob none	NAC	NAC	NAC	NAC	--
	NAC	NAC	NAC	NAC	NAC	NAC	None	NAC	Site unoccupied
	NAC	NAC	NAC	NAC	NAC	UND	UND	NAC	Site prob unoccupied
	NAC	NAC	NAC	None	NAC	None	None	NAC	Site unoccupied

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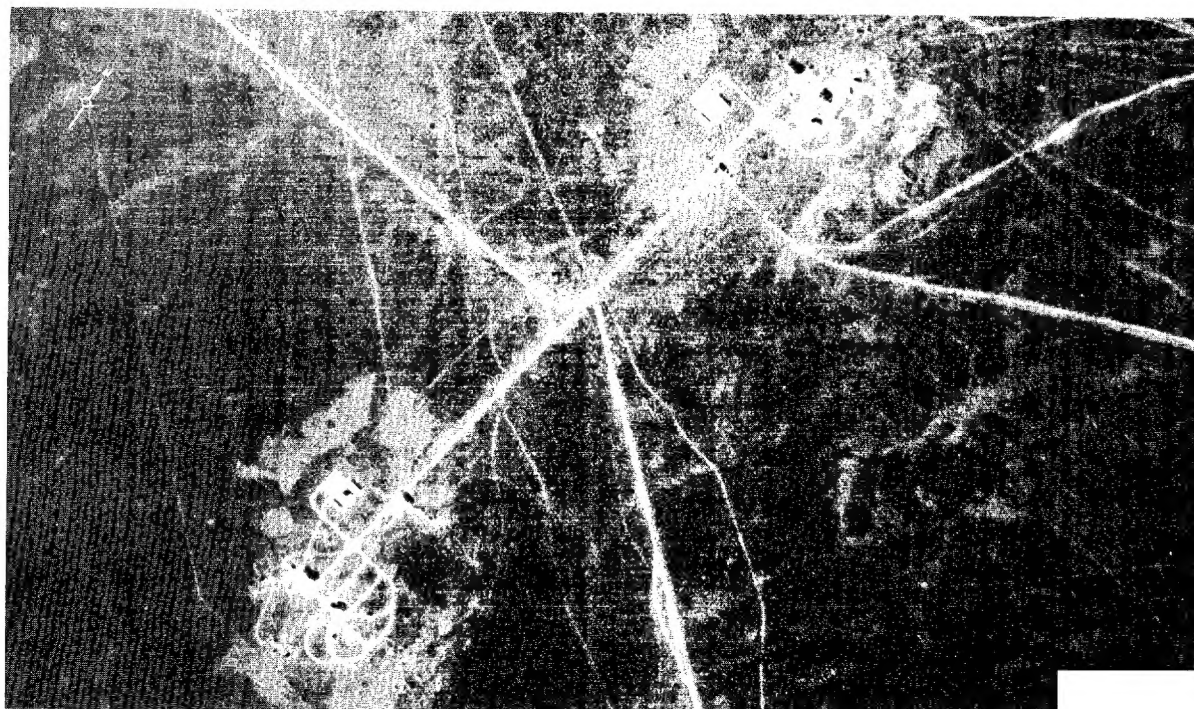


FIGURE 10. SHUANG-CHENG-TZU MISSILE TEST CENTER R&D SAM SITES.

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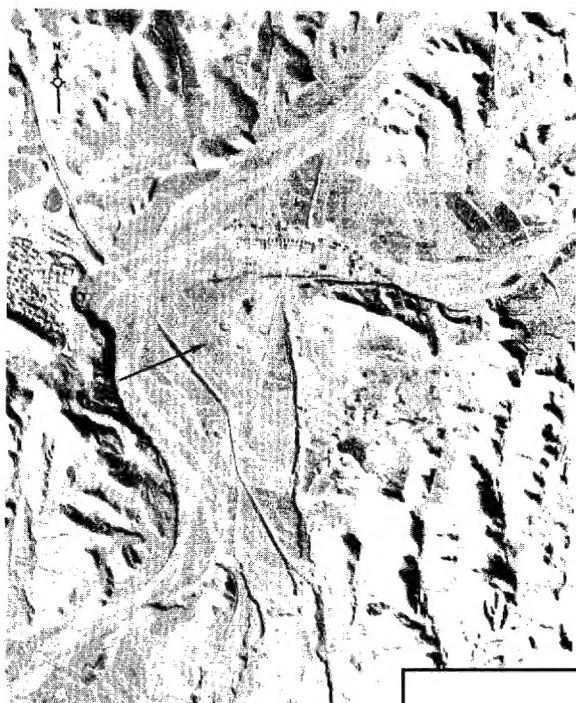


FIGURE 11. LAN-CHOU SAM SITE BT9-2.

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FIGURE 12. HSI-AN SA-2 SAM SITE.

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Table 1. (Continued)

Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence/Description of Central Guidance Area	Vehicles/Equipment in Central Guidance Area	Other Equipment Present	Presence/Description of Support Area	Remarks
------------------------------	--------------------	---------------------	------------------------	---------------------------------	---	---	-------------------------	--------------------------------------	---------

Peiping SAM Site B36-2 (Continued)

	--	--	--	--	--	--	--	--	Site identification only
Cannot be determined because no inner service roads visible	Complete, but central guidance area not revetted	6; revetted	NAC (since	Present; not revetted	NAC (since	NAC (since	Site situated near large military compound, but approx 4 bldgs are immediately NE of site	3 missile-hold positions present, but site completely unoccupied	
NAC	NAC	NAC	NAC	NAC	NAC	NAC	NAC	Poss vehicle in 1 of the 3 missile-hold revetments; site otherwise unoccupied	

Peiping SAM Site B35-2 (Figure 5), 40-09-02N 116-18-25E

Site first observed site cannot be negated

Link	Complete, but central guidance area not revetted	6; revetted	Prob none	Present; not revetted	Prob none	Prob none	Site has none of its own, but is situated at Chang-ping Airfield	--	
--	--	--	--	--	--	--	--	Site identification only	
NAC (since	NAC (since	NAC (since	NAC (since	NAC	NAC	NAC (since	NAC (since	NAC (since	--
NAC	NAC	NAC	NAC	NAC	NAC	NAC	NAC	NAC	--
--	--	--	--	--	--	--	--	--	Site identification only
NAC (since	NAC (since	NAC (since	Poss 1	NAC	NAC	NAC (since	NAC (since	NAC (since	--
--	--	--	--	--	--	--	--	--	Site identification only
--	--	--	--	--	--	--	--	--	Site identification only
NAC (since	NAC (since	NAC (since	Prob none	NAC	NAC	NAC (since	NAC (since	NAC (since	Site appears unoccupied
Star	NAC	NAC	None	NAC	NAC	None	None	NAC	Better-quality photography revealed site to have star configuration rather than link as previously reported; site completely unoccupied

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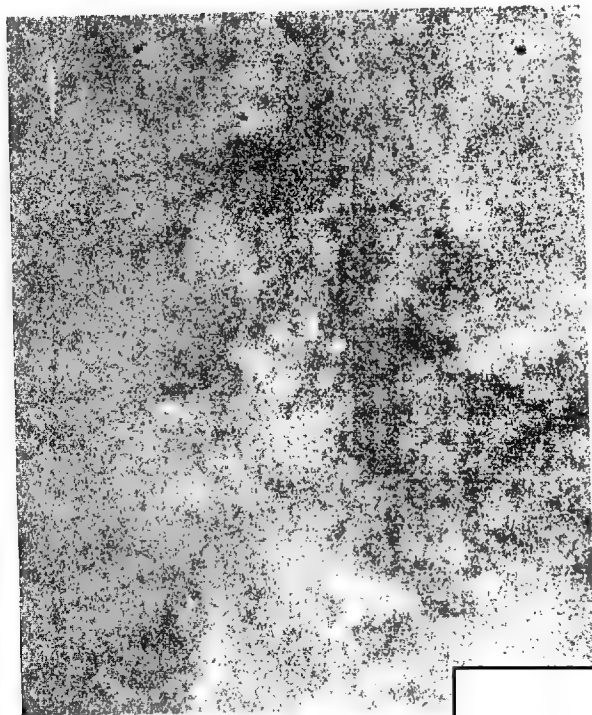


FIGURE 13. BARINORUSUMU POSSIBLE SA-2 SAM SITE.

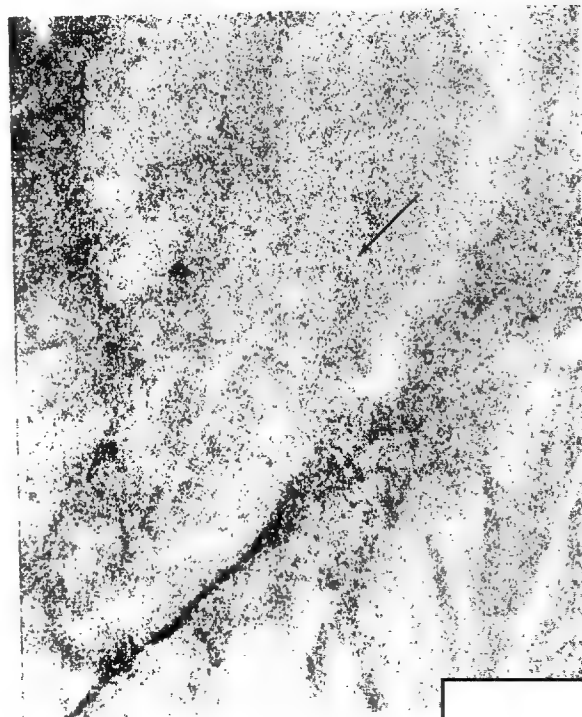


FIGURE 14. CHUNG-WEI SAM SITE C02-Z.

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FIGURE 15. FORMER LAN-CHOU SAM SITE B12-Z.



FIGURE 16. FORMER LAN-CHOU POSSIBLE

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Table 1. (Continued)

Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence/Description of Central Guidance Area	Vehicles/Equipment in Central Guidance Area	Other Equipment Present	Presence/Description of Support Area	Remarks
------------------------------	--------------------	---------------------	------------------------	---------------------------------	---	---	-------------------------	--------------------------------------	---------

Peiping SAM Site B35-2 (Continued)

	..	..	..	..	..	..	..	..	Area identification only (heavy clouds)
	NAC (since	NAC (since	NAC (since	NAC (since	NAC (since M 9023)	NAC (since	NAC (since	NAC (since	..

Peiping SAM Site C14-2 (Figure 8), 39-33-10N 116-45-30E, [REDACTED]

Site first observed [REDACTED]

	Star	Prob complete	6; revetted	None	Present; prob not revetted	None	None	1 poss bldg and several poss bldgs U C* near site	3 missile-hold revetments present, but site completely unoccupied
	NAC	Complete	NAC	Prob none	Present; prob revetted	Prob none	Prob none	6 bldgs immediately SSE and approx 7 bldgs immediately WSW of site	..
	NAC	NAC	NAC	None	Present; revetting underway	2 poss pieces of U T* equipment	None	NAC	The 3 missile-hold revetments either are covered or contain a structure

Peiping SAM Site C18-2 (Figure 7), 39-34-00N 116-24-40E, [REDACTED]

Site first observed [REDACTED]

	UND	UND	UND	UND	UND	UND	UND	UND	Small scale and poor image quality preclude visibility of all components except site access and perimeter roads. Site identification only
	..	..	..	..	..	..	..	..	..
	Link	UND	6; revetted	At least 1 appears occupied	UND	UND	UND	UND	..
	NAC	UND	NAC	At least 3 appear occupied	UND	UND	UND	None recognizable, but several small villages are close by	..

*See footnote at end of table.

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FIGURE 17. FORMER HSI-AN SAM SITE B32-2.



FIGURE 18. FORMER HSI-AN SAM SITE C25-2.

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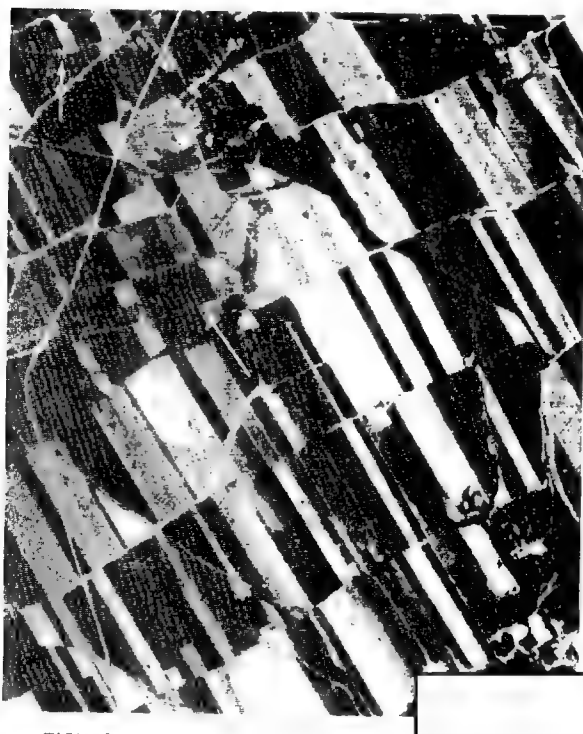


FIGURE 19. FORMER FENG-HSIANG SAM SITE A10-2.

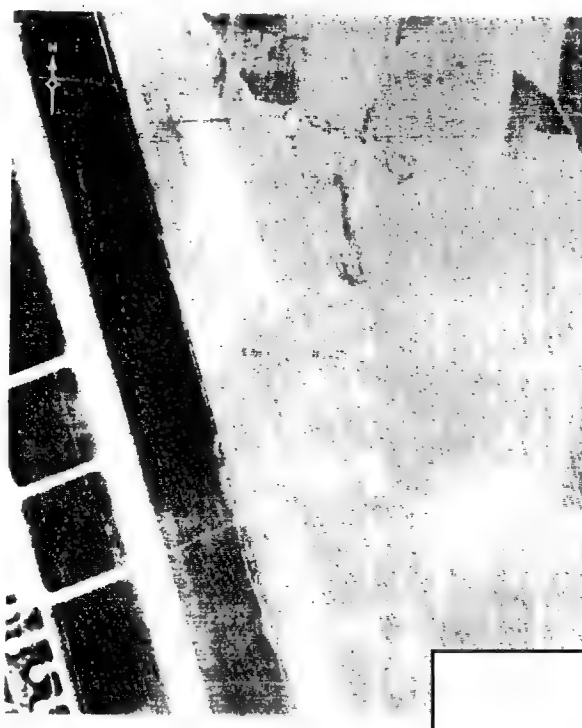


FIGURE 20. FORMER SHIH-CHIA-CHUANG (SHIH-MEN)
SA-2 SAM SITE.

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Table 1. (Continued)

Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence/Description of Central Guidance Area	Vehicles/Equipment in Central Guidance Area	Other Equipment Present	Presence/Description of Support Area	Remarks
<u>Peiping SAM Site C18-2 (Continued)</u>									
	Star	Complete	6; revetted	Prob 6	Present; prob revetted	2 poss vehicles	None	Undetermined no of small bldgs in site area; also, area approx 2,000 ft W of site contains 13 bldgs including 2 ramp served	Good-quality photography revealed site to have star configuration rather than link as previously reported
	NAC	NAC	NAC	UND	UND	UND	UND	NAC	Blurring of site on extreme end of print precludes a detailed interpretation
	NAC	NAC	NAC	6 appear occupied	NAC	2 rows of vehicles or 2 structures	Prob none	NAC	--
<u>Techou SAM Site A30-2 (Figure 8), 37-30-20N 116-07-35E, [redacted]</u>									
<u>Site first observed [redacted]</u>									
	Circular; otherwise undetermined	Poss complete	5	UND	Present; not revetted	Poss equipment	UND	Site situated at Ku-cheng Airfield	--
	NAC	NAC	NAC	UND	NAC	Prob none	Prob none	NAC	--
	--	--	--	--	--	--	--	--	Site identification only
	--	--	--	--	--	--	--	--	Site identification only
	Cannot be determined because no inner service roads visible	UND	Only 3 poss positions visible, 1 of them poss revetted	None	Rectangular unrevetted area at site center	None	None	NAC (since [redacted])	Site completely unoccupied and inactive; roads and positions prob overgrown by grass
<u>Shuang-cheng-tzu Missile Test Center SAM Site C02-2 (Figure 9), 41-06-30N 100-20-00E, [redacted]</u>									
<u>Site first observed [redacted]</u>									
	Star	Complete	6; not revetted	None	Present; not revetted	None	Cannot be determined	Large barracks area is approx 0.5 nm SW of site	No revetments at site
	NAC	NAC	NAC	UND	NAC	UND	UND	NAC	--
	--	--	--	--	--	--	--	--	Site identification only

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Table 1. (Continued)

Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence/Description of Central Guidance Area	Vehicles Equipment in Central Guidance Area	Other Equipment Present	Presence/Description of Support Area	Remarks
------------------------------	--------------------	---------------------	------------------------	---------------------------------	---	---	-------------------------	--------------------------------------	---------

Shuang-cheng-tzu Missile Test Center SAM Site C02-2 (Continued)

	..	..	..	..	..	..	..	..	Obliquity precludes interpretation
	NAC (since	NAC (since	UND	UND		Prob equipment or structure	UND		..
	..	..	..	..		..	..		Site identification only
	NAC (since	NAC (since	NAC	UND		Prob none	UND		..
	..	..	..	..		..	..		Site is barely visible and has not been cleared of snow
	NAC (since	Complete; no re-ventments	NAC	Prob none			Prob none		..
	..	..	..	..		..	..		NAC in site
	..	..	..	..		..	..		NAC in site
	NAC (since	NAC (since	NAC	None	Appears to have low reventment	Prob none	None		Good-quality, stereoscopic coverage
	NAC	NAC	NAC	NAC	NAC	NAC	NAC	NAC	..
	NAC	NAC	NAC	NAC	NAC	None	NAC	NAC	Trail or road passes through site from N to S
	NAC	NAC	NAC	NAC	NAC	NAC	NAC	NAC	Trail or road still present
	NAC	NAC	NAC	NAC	NAC	NAC	NAC	NAC	Trail or road still present
	NAC	NAC	Only 3 visible	UND	NAC	UND	UND	NAC	Photography is of poor image quality in site area

Shuang-cheng-tzu Missile Test Center R&D SAM Sites (Figure 10), 41-04-08N 100-30-00E, (Site A) (Site B)

Sites first observed

Both fan; mirror images of each other	..	..	..	..	..	..	..	..	Site identification only, although configurations discernible in road pattern
..	..	..	..	..	..	..	..	..	Site identification only
..	..	..	..	..	..	..	..	..	Site identification only

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Table 1. (Continued)

Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence Description of Central Guidance Area	Vehicles/Equipment in Central Guidance Area	Other Equipment Present	Presence Description of Support Area	Remarks
<u>Shuangchiangzi Missile Test Center R&D SAM Sites (Continued)</u>									
	NAC (since [redacted])	Prob complete	6 at each	Prob none	Present; no other revetted	Prob structure at N site (B); U I object (poss. equipment) at S site (A)	Cannot be determined	SCMTC SAM Holts 02000 Support Area (includes SAM Instrumentation Control Center, is approx 1.5 km W of sites)	--
	NAC (since [redacted])	Appear complete, but nothing revetted except launch position at N site	NAC	Prob none at S site	Present; each a concrete hardstand at N site; permanent structure on hardstand	U I equipment at N site; no equipment at S site	Several pieces of pos. U I equipment scattered around each site	NAC	--
	NAC	NAC	NAC	None	NAC	None	None	NAC	--
	NAC	NAC	NAC	Prob none	NAC	Prob none	Prob none	NAC	--
	--	--	--	--	--	--	--	--	NAC in site
	NAC (since [redacted])	NAC	NAC (since [redacted])	NAC (since [redacted])	NAC (since [redacted])	NAC	--	--	Obliquity precludes interpretation
	NAC	NAC	NAC	NAC	NAC	NAC	NAC	NAC	--
	--	--	--	--	--	--	--	--	Site identification only
	NAC (since [redacted])	NAC	NAC (since [redacted])	NAC (since [redacted])	NAC (since [redacted])	NAC	--	--	--
	NAC	Prob complete, but U I activity when may be revetted; on progress at 1 launch position at N site	NAC	1 ND	NAC	Equipment or structures at site centers	1 ND	NAC	Some snow removal evident
	--	--	--	--	--	--	--	--	Site identification on view
	NAC (since [redacted])	NAC (since [redacted])	NAC (since [redacted])	Prob none at S site; pos. covered at N site	[redacted]	U I equipment at site centers	Several prob. vehicles in hold revetment W of each site	NAC (since [redacted])	--
		that the activity has resulted in revetting of the launch position; also, dark scar which may be trench runs through E part of N site and is rather associated with							

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Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence Description of Central Guidance Area	Vehicles Equipment in Central Guidance Area	Other Equipment Present	Presence Description of Support Area	Remarks
------------------------------	--------------------	---------------------	------------------------	---------------------------------	---	---	-------------------------	--------------------------------------	---------

Shuangchengtzu Missile Test Center R&D SAM Sites (Continued)

	NAC	NAC	NAC	UND	NAC	Prob equipment at S site; cannot be determined for N site	Prob vehicles in S site hold revetment	NAC	Heavy cloud shadow covers both sites
	NAC	NAC	NAC	NAC	NAC	U T equipment at site centers	NAC	NAC	--
	NAC	NAC	NAC	NAC	NAC	Prob equipment at site centers	NAC	NAC	--
	NAC	2 launch positions revetted at N site; these served by unpaved drive-by road rather than the permanent site service road	NAC	At least 4 at S site and 1 at N site	NAC	several pieces of U T equipment at S site; structure at N site	Approx 6 poss transporters in S site hold revetment; 6 U T vehicles in N site hold revetment	NAC	Good-quality, stereoscopic coverage
	NAC	NAC	NAC	The 2 revetted ones and at least 2 others at N site contain U T equipment	NAC	Poss equipment and structure at N site; NAC at S site	Undetermined no. of U T vehicles visible in hold revetments of both sites	NAC	--
	NAC	NAC	NAC	All 6 at N site and approx 4 at S site appear occupied	NAC	1 piece of U T equipment and 1 structure at N site; approx 6 pieces of U T equipment at S site	Approx 4 pieces of U T equipment in N site hold revetment; 6 in S site hold revetment	NAC	--
	NAC	NAC	NAC	Poss approx 1 at N site (includes the 2 revetted ones); approx 2 at S site	NAC	NAC	S site hold revetment contains 4 poss transporters; N site hold revetment empty	NAC	--
	NAC	NAC	NAC	3 at N site (includes the 2 revetted ones); 3 at S site	NAC	NAC	Approx 4 pieces of equipment in S site hold revetment; N site hold revetment empty	NAC	--

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Table 1. (Continued)

Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence, Description of Central Guidance Area	Vehicles, Equipment in Central Guidance Area	Other Equipment Present	Presence / Description of Support Area	Remarks
<u>Shuang-cheng-tzu Missile Test Center R&D SAM Sites (Continued)</u>									
[REDACTED]	NAC	NAC	NAC	1 and poss 2 at N site (the 2 revetted ones are not occupied); 2 and poss 3 at S site	NAC	NAC	Approx 2 pieces of U T equipment in S site hold revetment; N site hold revetment prob empty	NAC	--
<u>Lan-chou SAM Site B10-2 (Figure 11), 35-47-10N 103-44-10E, [REDACTED]</u>									
Site first observed [REDACTED]									
[REDACTED]	UND	Complete	4; prob revetted	Prob 1	Present; poss revetted	Undetermined no of pieces of equipment or vans	None	Approx 40 tents approx 500 ft N of site center	--
<u>Hsi-an SA-2 SAM Site (Figure 12), 34-10-10N 108-58-50E, [REDACTED]</u>									
Site first observed [REDACTED] site cannot be negated									
[REDACTED]	UND	UND	3; revetted	3	Present; not revetted; L-shaped structure present	Prob FAX SONG	3 vans and 1 prob transporter on-site; 1 missile prob being offloaded onto launcher at time of photography	Site adjacent to military compound	A revetment completely encloses site
[REDACTED]	UND	3 more launch positions being built	6, including 3 UIC	--	NAC (since [REDACTED])	UND	UND	[REDACTED]	Site identification only
[REDACTED]	UND	UND	UND	UND	L-shaped structure still visible	UND	UND	NAC	Revetment has been extended to encompass all 6 launch positions
[REDACTED]	UND	UND	6; prob revetted	Poss 2	NAC	UND	UND	NAC	--
[REDACTED]	UND	UND	UND	UND	UND	UND	UND	NAC	Haze and clouds preclude interpretation of details
[REDACTED]	UND	Complete	6; prob revetted	NAC	L-shaped structure still visible	UND	UND	NAC	Haze and cloud shadow preclude detailed analysis
[REDACTED]	UND	NAC	6; revetted	None	NAC	NAC	UND	NAC	[REDACTED]

Table 1. (Continued)

Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence/Description of Central Guidance Area	Vehicles/Equipment in Central Guidance Area	Other Equipment Present	Presence/Description of Support Area	Remarks
<u>Barinorusumu Possible SA-2 SAM Site (Figure 13), 44-50-00N 117-14-15E (no BE No)</u>									
Site first observed [redacted]									
[redacted]	UND	U/C	6 poss; not re- vetted	None	None	None	None	None	No stereoscopic coverage
<u>Chung-wei SAM Site C02-2 (Figure 14), 37-54-00N 105-17-00E, [redacted]</u>									
Site first observed [redacted] site cannot be negated									
[redacted]	--	--	--	--	--	--	--	--	Site identification only
[redacted]	--	--	--	--	--	--	--	--	Site identification only
[redacted]	UND	Prob complete	6; not re- vetted	UND	Present; prob not re- vetted	UND	UND	Poss support area to S of site	--
[redacted]	--	--	--	--	--	--	--	--	Site identification only
[redacted]	--	--	--	--	--	--	--	--	Clear coverage; site remains unchanged
<u>Former Lan-chou SAM Site B12-2 (Figure 15), 35-54-15N 104-04-00E [redacted]</u>									
Site first observed [redacted]									
[redacted]	UND	U/C	2 confirmed and 1 poss; re- vetted	None	Present; not re- vetted	None	None observed	None	--
[redacted]	--	--	--	--	--	--	--	--	Site not present on fair-quality photog- raphy; site deleted from NPIC SAM listing
[redacted]	--	--	--	--	--	--	--	--	Site not present on good-quality photography
<u>Former Lan-chou Possible SA-2 SAM Site (Figure 16), 35-56-00N 104-13-00E (no BE No)</u>									
Site first observed [redacted]									
[redacted]	UND	U C	1 poss	None	Poss present	None	None observed	9 separately secured bldgs approx 500 ft E of poss site	--
[redacted]	--	--	--	--	--	--	--	--	Site not present on fair-quality photography; site deleted from NPIC SAM listing

Table 1. (Continued)

Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence/Description of Central Guidance Area	Vehicles/Equipment in Central Guidance Area	Other Equipment Present	Presence/Description of Support Area	Remarks
<u>Former Lan-Chou Possible SA-2 SAM Site (Continued)</u>									
	..	..	..	..	..	..	..	..	Site not present on good-quality photography
<u>Former Hsi-an SAM Site B32-2 (Figure 17), 34-27-20N 108-46-20E, [redacted]</u>									
<u>Site first observed: [redacted]</u>									
[redacted]	Prob link	UND	6	At least 4	Present; not revetted	Several prob vans	Prob none	Small support area associated with site	..
	UND	UND	UND	UND	UND	UND	UND	UND	Site outline barely visible on good-quality photography; site appears abandoned
	UND	UND	UND	UND	UND	UND	UND	UND	Part of site outline barely visible on good-quality photography; site unoccupied and inactive
	UND	UND	UND	UND	UND	UND	UND	UND	Cloud shadow precludes detailed analysis
	UND	UND	UND	UND	UND	UND	UND	UND	Site area overgrown with sod on clear, good-quality coverage; site deleted from NPIC SAM listing
<u>Former Hsi-an SAM Site C25-2 (Figure 18), 34-08-32N 108-31-55E, [redacted]</u>									
<u>Site first observed: [redacted]</u>									
[redacted]	Circular; otherwise undetermined	U/C	1; not revetted	None	Present; not revetted	None	5 or 6 U/I objects near 1 launch position	Site situated at military compound	..
	..	..	..	..	..	..	..	..	Site outline virtually nonexistent; site appears to have been abandoned for considerable time
	..	..	..	..	..	..	..	..	Site area has been returned to cultivation; site deleted from NPIC SAM listing

Table 1. SAM Sites

Mission and Date of Coverage	Site Configuration	Construction Status	No of Launch Positions	No of Launch Positions Occupied	Presence/Description of Central Guidance Area	Vehicles/Equipment in Central Guidance Area	Other Equipment Present	Presence/Description of Support Area	Remarks
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Former Feng-hsiang SAM Site A10-2 (Figure 19), 34-31-30N, 107-28-10E, [REDACTED]

Site first observed [REDACTED]									
[REDACTED]	UND	Complete	4; revetted	Prob 2	Present; revetted	U/T equipment	UND	--	Approx 40 tents are at various positions around site
[REDACTED]	--	--	--	--	--	--	--	--	Site not present on clear, good-quality coverage; site deleted from NPIC SAM listing
[REDACTED]	--	--	--	--	--	--	--	--	Site not present on clear, good-quality coverage

Former Shih-chia-chuang (Shih-men) SA-2 SAM Site (Figure 20), 35-05-00N, 114-25-00E, [REDACTED]

Site first observed [REDACTED]									
[REDACTED]	Link	Prob complete	6	UND	Present	UND	UND	None	--
[REDACTED]	--	--	--	--	--	--	--	--	Site area has been returned to cultivation; site deleted from NPIC SAM listing
[REDACTED]	--	--	--	--	--	--	--	--	NAC

*In this table, UND stands for "undeterminable," NAC means "no apparent change," U/C means "under construction," and U/T is "unidentified."

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Table 2. Data on the Peiping Rocket Engine Test Facility (Figure 21, 39-50N 116-08E, BE [redacted])
Facility first observed [redacted]

Mission and Date of Coverage*	Construction Status	Testing Observed	Test Stand A	Test Stand B	Test Stand C	Horizontal Test Site**	Remarks
[redacted]	Final to complete	No	NAC***	NAC	NAC	Present but unidentified	--
	Near completion	No	NAC	NAC	Continued construction in blast pit	Present but unidentified	--
	NAC	Yes	NAC	NAC	NAC	Newly identified	Smoke and cone of flame observed at newly identified horizontal test site
	Main components probably complete	No	NAC	NAC	Probably complete	NAC	Ground scarring at north end of facility
	Main components complete	No	NAC	NAC	Sump and blast pit complete	NAC	Several small structures and continuation of perimeter wall under construction
	NAC	No	NAC	NAC	NAC	NAC	--
	Main components complete, continued construction at north end of facility	No	NAC	NAC	NAC	NAC	Four buildings constructed at north end of facility; security wall extended eastward
	NAC	No	NAC	NAC	NAC	NAC	Pipeline trench extends eastward from north end of facility

*Data presented here is limited to that obtained since publication of the latest report on this facility, NPIC R-27 '63 (Mar 63) 1, which is based on photography through [redacted]

**The horizontal test site was the subject of a PIB NPIC R-1527 '63 (Oct 63) 2, based on photography from [redacted]. The site was first identified on this photography, which revealed a test in progress.

***No apparent change.

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FIGURE 21. PEIPING ROCKET ENGINE TEST FACILITY.

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Table 3. Data on the Tai-yuan Explosives Plant South and Associated Probable Solid Propellants Test Facility
(Figure 22), 37-59-66N 112-31-30E, [redacted]

Plant first observed [redacted]; cannot be negated

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Mission and Date of Coverage	Construction Status of Plant	Probable Solid Propellants Test Facility*	Testing Observed	Remarks
[redacted]	Mid-stage	Not present	--	Construction started on all major buildings of explosives plant
	Continued construction	First observed	No	Probable test cell and 3 or 4 buildings of test facility in early stages of construction; poor-quality photography limits interpretation
	Late mid-stage	Late stage of construction	No	All major buildings of explosives plant partially complete; earth revetting not started
	NAC**	NAC	No	--
	Continued construction	NAC	No	Poor-quality photography limits interpretation
	Early late stage	Identified as probable solid propellants test facility	No	Test facility still under construction; in explosives plant, earth revetments are partially constructed; 2 revetted storage buildings constructed in northeast corner of plant
	NAC	NAC	No	--
	Late stage	Late stage of construction; one building completed and revetted since [redacted]	No	Continued slow pace of construction; lack of facing on blast deflector suggests that test facility is not yet complete

*The probable solid propellants test facility associated with Explosives Plant South is the subject of NPIC R-868 64 3, which is based on photography through Missions [redacted]
 **No apparent change.

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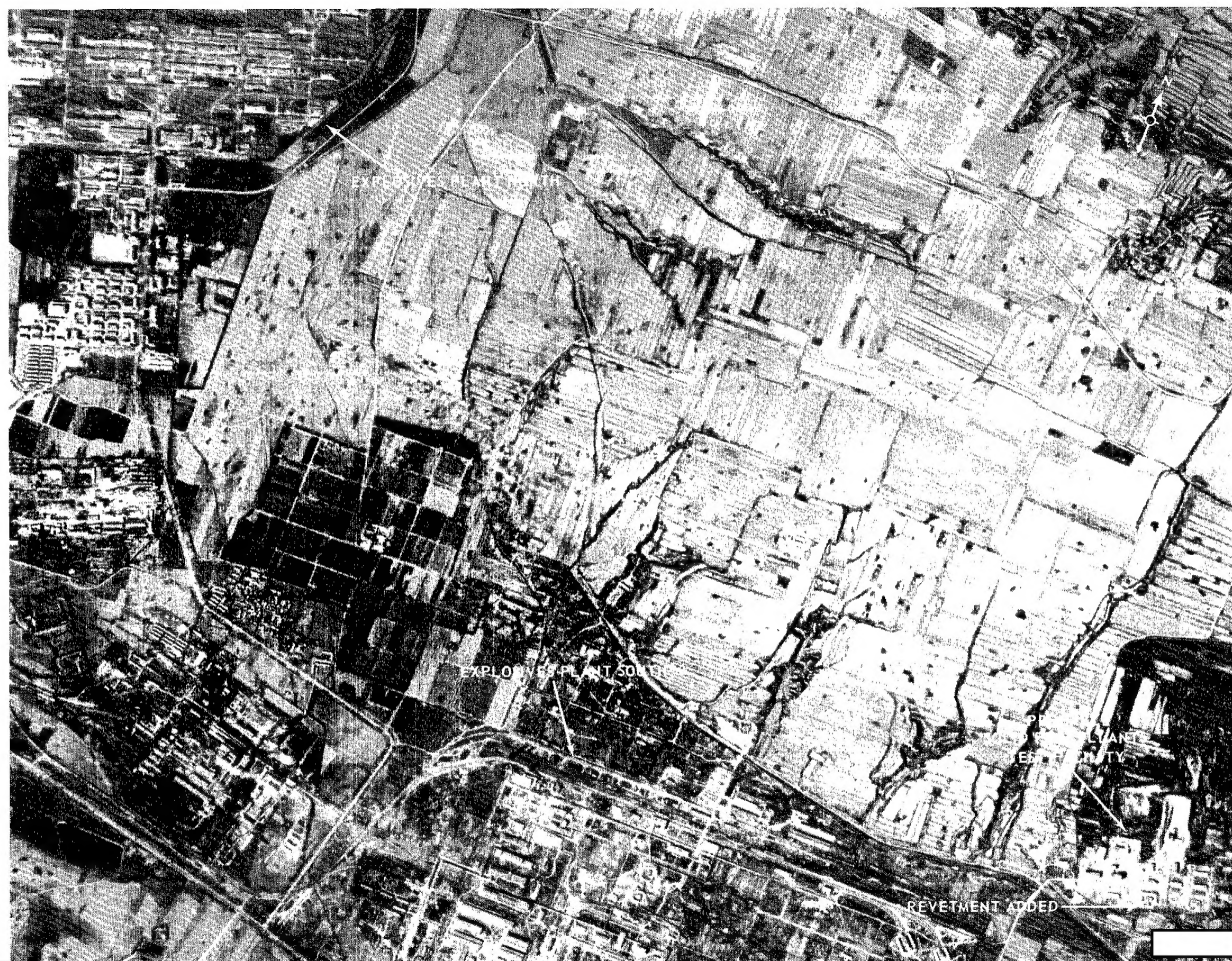


FIGURE 22. TAI-YUAN PROBABLE SOLID PROPELLANTS TEST FACILITY.

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REQUIREMENT

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